

Claim 7: (amended) The structure of Claim 6 wherein the coating or layer

of [poly(xylelene)] poly(xylylene) has a thickness ranging from about 0.1 to about 10 microns.

Claim 14: (amended) A method for making a print cartridge structure containing an ink reservoir body for a multi-color thermal ink jet printer which comprises [providing] casting or molding a multi-function substrate carrier from a material selected from the group consisting of carbon fibers, graphite, metal-ceramic materials and metals [and ink reservoir body], the substrate carrier having a top surface having a perimeter and containing one or more substrate locator wells each well having well walls, a well base and at least one ink feed slot in each well base, side walls attached to the top surface along the perimeter thereof wherein one or more of the side walls contain fins for heat removal from the substrate carrier and at least two alignment devices adjacent one of the side walls for precisely attaching the substrate [holder] carrier and reservoir body to a printer carriage, [mounting two or more semiconductor substrates containing a plurality of resistive elements and attached nozzle plates in the wells adjacent the well base of the substrate carrier, attaching a TAB circuit or flex circuit to the semiconductor substrates and the top surface of the substrate carrier for energizing the resistive elements on the substrates and inserting one or more ink containers into the ink reservoir body] providing an ink reservoir body and attaching the ink reservoir body to the substrate carrier.

Claim 19: (amended) The method of Claim 14 further comprising coating the carrier with a layer of [poly(xylelene)] poly(xylylene).

Claim 20: (amended) The method of Claim 19 wherein the coating of [poly(xylelene)] poly(xylylene) has a thickness ranging from about 0. to about 10 microns.

Cancel Claims 23 and 24 in its entirety without prejudice or disclaimer.

Claim 25: (amended) A nose piece for an ink jet printer cartridge, the nose piece comprising a machined, molded or cast, substantially metal structure having a top surface having a perimeter and containing one or more substrate locator wells each well

having well walls, a well base and at least one ink feed slot in each well base, side walls attached to the top surface along the perimeter thereof wherein one or more of the side walls contain fins for heat removal from the substrate carrier, a plurality of slots along the perimeter of the side walls for precisely attaching the [substrate holder] nose piece to an ink reservoir body and at least two alignment devices adjacent one of the side walls for precisely aligning the [substrate holder] nose piece and reservoir body to a printer carriage, wherein the metal is selected from the group consisting of aluminum, beryllium, copper, gold, silver, zinc, tungsten and the alloys of two or more of the foregoing.

Claim 29: (amended) The nose piece of Claim 25 further comprising a coating or layer of [poly(xylelene)] poly(xylylene) thereon.

Claim 30: (amended) The nose piece of Claim 29 wherein the coating or layer of [poly(xylelene)] poly(xylylene) has a thickness ranging from about 0.1 to about 10 microns.

Claim 36: (amended) The carrier of Claim 33 further comprising a coating or layer of [poly(xylelene)] poly(xylylene) thereon.

Claim 37: (amended) The carrier of Claim 36 wherein the coating or layer of [poly(xylelene)] poly(xylylene) has a thickness ranging from about 0.1 to about 10 microns.

REMARKS

Claims 1-22 and 25-39 are in the case. The specification is amended to correct inadvertent typographical errors. Claims 6, 7, 14, 19, 20, 25, 29, 30, 36 and 37 are amended in accordance with the examiner's suggestions. Claims 23 and 24 are cancelled, and Claim 14 is amended to more clearly and distinctly claim the subject matter which applicants regard as the invention. No new matter is entered into the case by the amendments.